CLAIMS

1. A humor sampling implement comprising:

a main frame part having a humor transfer channel provided to collect humor through a humor inflow port and transfer said humor to a humor outflow port; and

a detection part provided at said main frame part to detect a predetermined component of said humor transferred through said humor transfer channel; wherein

said main frame part is provided with a convex part arranged so as to be in overlapped relationship with said detection part in plan view and protruding in said humor transfer channel toward said humor outflow port.

2. The humor sampling implement as set forth in claim 1, wherein said convex part is provided at a position corresponding substantially to a center of said detection part.

3. The humor sampling implement as set forth in claim 1 or 2, wherein

said humor transfer channel comprises a first humor transfer channel opening to said humor inflow port, and a second humor transfer channel connected to said first humor transfer channel, said second humor transfer channel being different from said first humor transfer

channel in a direction humor transfer; and

said convex part is provided at an end portion on humor outflow port side of said first humor transfer channel of said main frame part so as to protrude in said second humor transfer channel.

4. The humor sampling implement as set forth in claim 3, wherein the direction of humor transfer in said first humor transfer channel and the direction of humor transfer in said second humor transfer channel are substantially orthogonal to each other.

5. The humor sampling implement as set forth in claim 3, wherein V_1/V_2 is in a range of from 0.04 to 0.7, where V_1 [mm^3] is a volume of said convex part, and V_2 [mm^3] is an inside volume of said second humor transfer channel.

6. The humor sampling implement as set forth in claim 1, wherein said main frame part has a lower member, and an upper member which is positioned on said lower member and which, together with said lower member, defines a part of said humor transfer channel.

7. The humor sampling implement as set forth in claim 1, wherein

said main frame part has a lower member, and an upper member which is positioned on said lower member and

which, together with said lower member, defines a part of said humor transfer channel having a first humor transfer channel opening to said humor inflow port and a second humor transfer channel connected to said first humor transfer channel, a direction of humor transfer in said second humor transfer channel being substantially orthogonal to that in said first humor transfer channel;

said convex part is provided at an end portion on a humor outflow port side of said first humor transfer channel of said main frame part so as to protrude in said second humor transfer channel and is provided at a position corresponding substantially to a center of said detection unit; and

V_1/V_2 is in a range of from 0.04 to 0.7, where V_1 [mm^3] is a volume of said convex part, and V_2 [mm^3] is an inside volume of said second humor transfer channel.

8. A method of humor sampling, wherein a humor sampling implement as set forth in claim 1 is used.

9. A method of humor sampling, comprising the step of collecting humor through a humor inflow port of a humor sampling implement, said humor sampling implement comprising:

a main frame part having a humor transfer channel provided to collect humor through said humor inflow port

and transfer said humor to a humor outflow port; and

a detection unit provided in said main frame part to detect a predetermined component of said humor transferred through said humor transfer channel; wherein

said main frame part is provided with a convex part arranged so as to be in overlapped relationship with said detection unit in plan view and protruding in said humor transfer channel toward said humor outflow port.